

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for managing access control lists in a filesystem, the method comprising:

associating two or more access control lists with a given filesystem object in a heterogeneous filesystem, wherein the heterogeneous filesystem comprises a native filesystem and one or more additional differing filesystems, and each of the access control lists are usable for controlling access to the given filesystem object by a particular type of filesystem within the heterogeneous filesystem;

responsive to receiving, from a requestor, a request for an access control list associated with the given filesystem object, determining a filesystem type of the requestor;

determining whether an access control list in the two or more access control lists associated with the given filesystem object matches the filesystem type of the requestor, wherein the two or more access control lists associated with the filesystem object comprises multiple, different access control list formats;
and

responsive to a determination that an access control list in the two or more access control lists associated with the given filesystem object matches the filesystem type of the requestor, returning an access control list from the two or more access control lists for the given filesystem object matching the filesystem type of the requestor, wherein the step of returning the matching access control list includes accessing the matching access control list using an access mechanism associated with the filesystem type of the requestor, wherein the access mechanism is selected from a plurality of access mechanisms that each facilitate access control for a given filesystem type within the heterogeneous filesystem by providing access to a given access control list that corresponds to a given one of the plurality of access mechanisms.

2-3. (Cancelled)

4. (Currently Amended) The method of claim [[2]] 1, further comprising:

responsive to a determination that a matching access control list does not exist, providing a new access control list for the filesystem type of the requestor; and

returning the new access control list.

5. (Original) The method of claim 4, wherein the step of returning the new access control list includes accessing the new access control list using an access mechanism associated with the filesystem type of the requestor.
6. (Original) The method of claim 4, wherein the step of providing a new access control list for the filesystem type of the requestor includes translating an existing access control list to the filesystem type of the requestor.
7. (Original) The method of claim 4, wherein the step of providing a new access control list for the filesystem type of the requestor includes providing a default access control list for the filesystem type of the requestor based on rules associated with the filesystem.
8. (Original) The method of claim 1, wherein the step of associating two or more access control lists with a given filesystem object includes storing the two or more access control lists in file storage with the given filesystem object.
9. (Original) The method of claim 1, wherein the step of associating two or more access control lists with a given filesystem object includes storing a native access control list in file storage with the given filesystem object and storing one or more non-native access control lists in access control list storage separate from the file storage.
10. (Previously Presented) The method of claim 9, wherein an access control list storage is provided for each directory, each filesystem, or for each portion of a file system.
- 11-20. (Canceled)